



BELT DRIVEN ACTUATORS > MSA-SB2 BELT DRIVE

MSA-SB2 BELT DRIVE

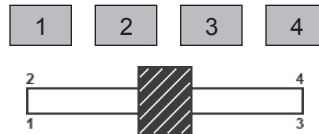


MSA-SB2 OPTIONS

SHAFT TYPE

- Single
- Double

DRIVE SHAFT LOCATION



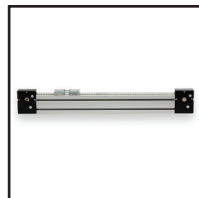
TRAVELS

(Min 150mm - Max 5775mm)

OPTIONS FOR:

- Motor Mounting
- Sensors
- Gearbox

HOW TO BUILD YOUR MSA-SB2:



Macron Solutions Since 1987

MACRON DYNAMICS, INC.
 100 Phyllis Drive
 Croydon, PA 19021

1-800-MACRON-1 (1-800-622-7661)
 Phone: 267-557-3590
 Fax: 215-443-0981

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Macron Guarantee

All Macron actuators and belt drives are covered by our
 1-Year Warranty



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MSA-SB2 BELT DRIVE

SPECIFICATIONS

Specifications

Motion	Horizontal or Vertical
Max Speed - horizontal [vertical] - mm / sec	10160 [5080]
Max Load - horizontal [vertical] - lbs.	500 [250]
Repeatability - mm	+/-0.025
Moment Load Max - in. - lbs. [Nm]	NONE
Positional Accuracy - mm / meter	+/- 0.4
Acceleration max - G's	20
Beam Dimensions - mm	40 x 80
Motor Sizing Information	
Weight of Drive Pulley - oz. / kgs.	11.3 / 0.32
Weight of Idler Pulley - oz. / kgs.	7.7 / 0.22
Weight of Cart - lbs. / kgs.	N/A
Weight of Belt - kgs. based on travel selected	((Travel in meters x 2) + 0.47) x 0.12
Travel per Revolution - mm	150
Pulley Pitch Diameter - mm	47.74
Pulley Material / Width - mm	steel / 25
Breakaway Torque - oz. - in.	N/A
Coefficient Friction	N/A
Rolling Resistance - lbs. / kgs.	N/A

SPECIFICATIONS

Weight

Weight - min. travel unit (150 mm) - lbs. / kgs.	10.9 / 4.9
Weight - additional 25 mm of travel - lbs. / kgs.	0.15 / 0.07
Travels	
Standard Travels - min max - mm (25 mm increment)	150 / 5775

Features

- Extruded aluminum actuator body with T-slots for ease of mounting
- Easy to adjust belt tensioner
- One piece, machined and stress proof shafted pulley
- Zero backlash belt to pulley design
- Corrosion resistant components

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